

**Abstract****Sensor unit and sensor for such a unit**

The invention relates to a sensor unit and a sensor for such a unit for vehicles, in particular motor vehicles. According to the invention, in order to provide a concept equally suitable for different sensor types, in which modular sensor units are formed and whose basic system is suitable for all sensors, a first housing (1) for the accommodation of at least one converter element a second housing (2) for the accommodation of a signal processing unit, an at least 4-pole connection (3) between the first and the second housing, and a port (4,5) of the second housing (2) for a control device are provided. (Fig. 1)